

Pacific Gas and Electric Company

Central Coastal California Seismic Imaging Project Activities and Schedule 2013

CA Public Utilities Commission

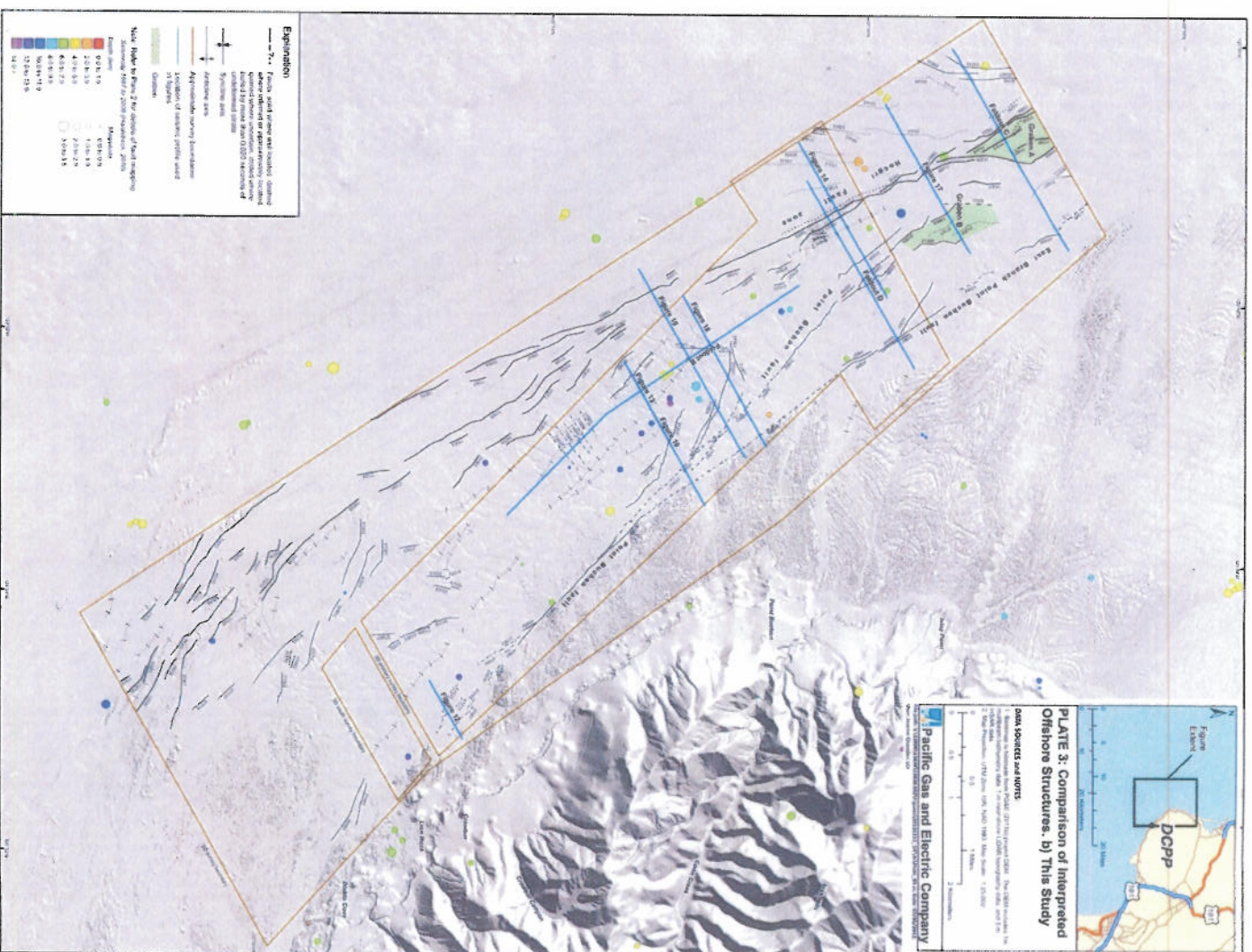
Independent Peer Review Panel

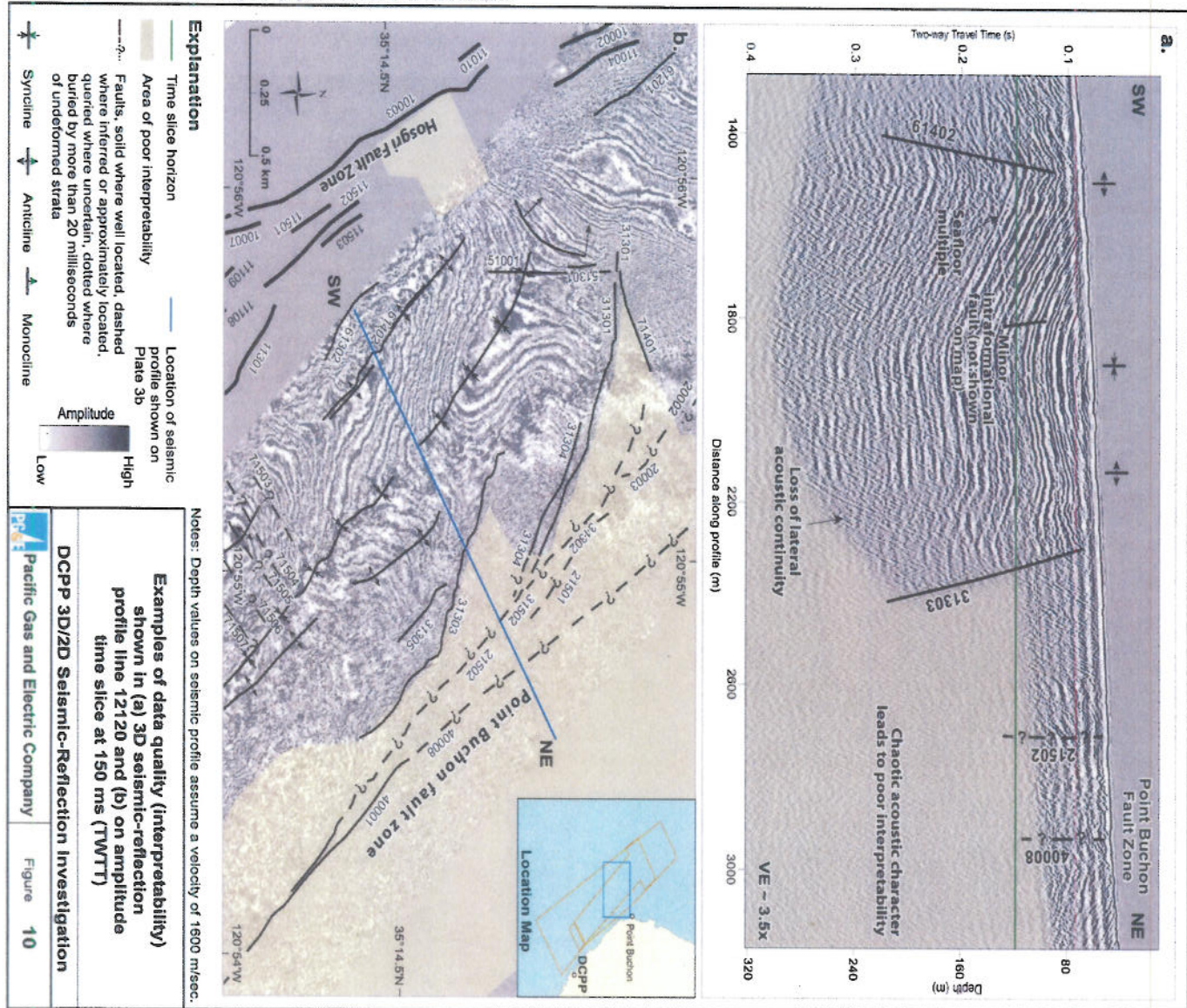
February 25, 2013

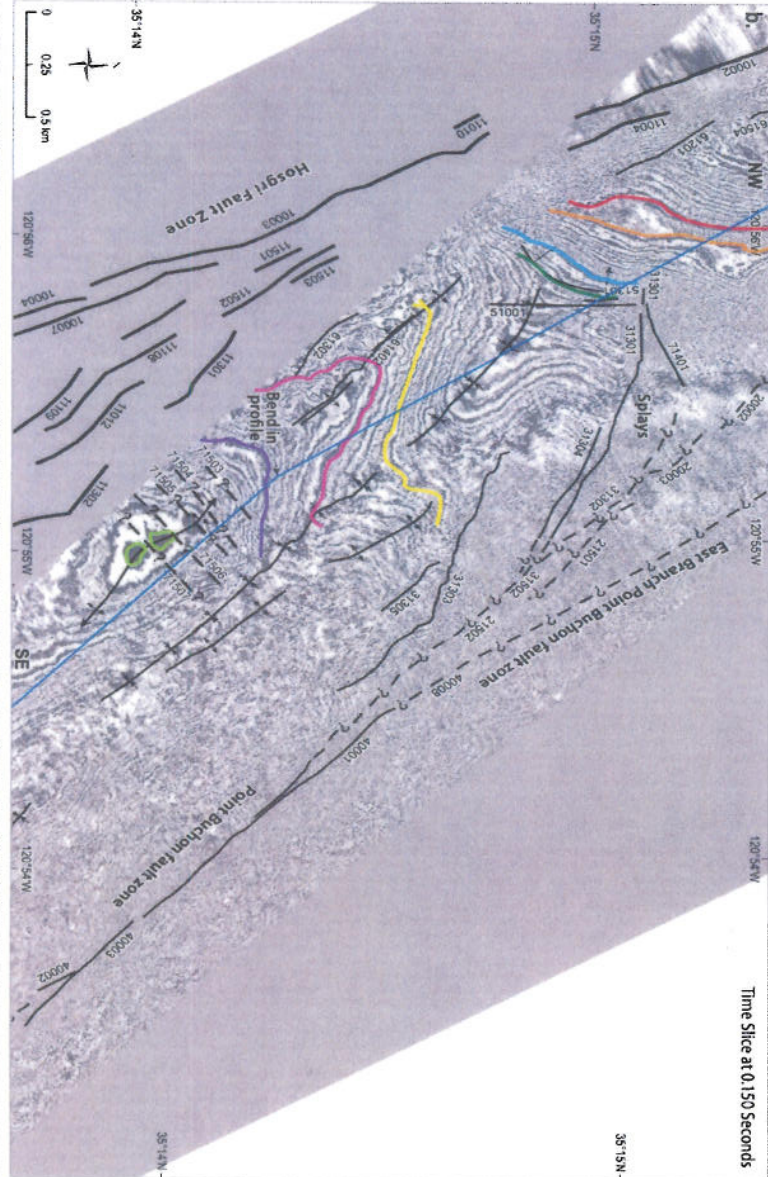
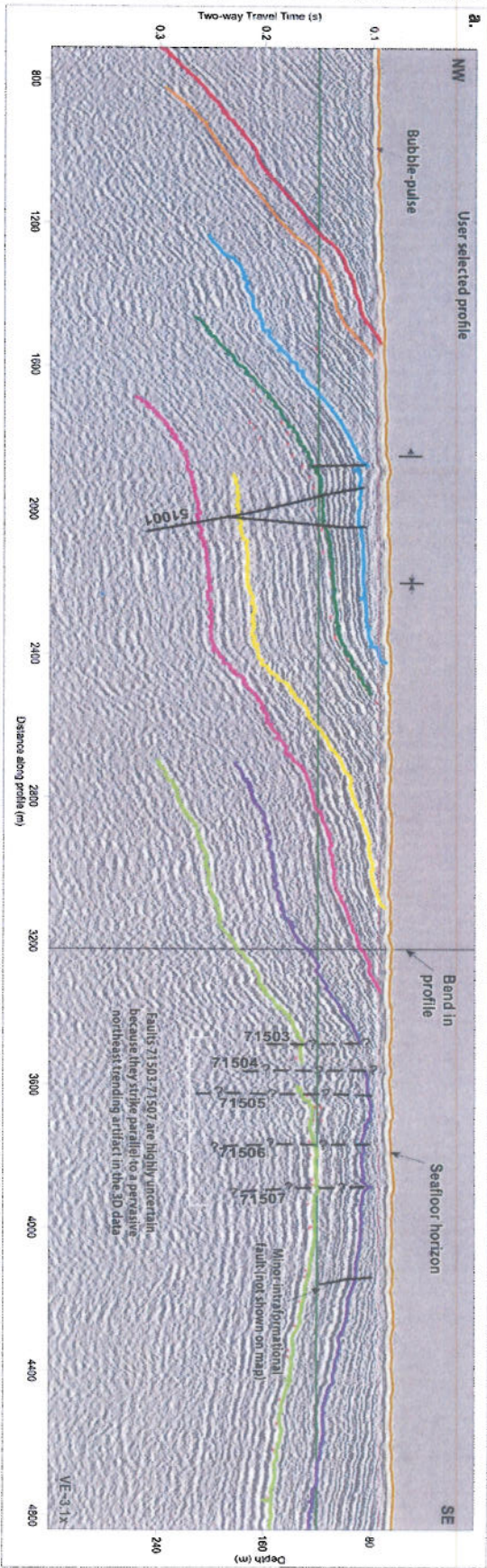
San Francisco, CA



DCPP 3D/2D Seismic Reflection Investigation of the Structures Associated with the Northern Shoreline Seismicity Sublineament Of the Point Buchon Region







Explanation

- Location of seismic profile
- Time slice horizon
- Faults, solid where well located, dashed where inferred or approximately located, queried where uncertain, dotted where buried by more than 20 milliseconds of undeformed strata

Horizon Name

- H05A
- H05B
- H15
- H20
- H25
- H30
- H35
- H40



Notes: Depth values on seismic profile assume a velocity of 1600 m/sec.

Marker horizons identified in (a) user-selected 3D strike line and (b) mapped on amplitude time slice at 150 ms (TWT)

DCPP 3D/2D Seismic-Reflection Investigation



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Foldout B

Report Conclusions

- 3D/2D Seismic-reflection survey imaged shallow structure over the northern Shoreline seismicity in great detail
- A fold (syncline) trends toward the Hosgri Fault Zone but dies out into a monocline
- Pt. Buchon fault zone dies out in a graben
- East Branch Pt. Buchon fault zone continues north out of the survey area

Central Coastal California Seismic Imaging Project

Technical Report Schedule

TASK	REPORT	IPRP DUE DATE
Point Buchon 2D/3D Low Energy Seismic Surveys (LESS)	Technical Report	February 2013
2D/3D Marine LESS Point Buchon, San Luis Bay, Point Sal, Estero Bay	Draft Technical Report	August 2013
2D/3D Onshore Seismic Surveys Eastern and Western Irish Hills	Draft Technical Report	February 2014

2012 – 2013 Hosgri and Shoreline Fault Slip Rate Studies

